

Abstract of the Disclosure

A method of producing preforms for blow molding containers includes producing polyester polymer by melt phase polymerization and compression molding preforms of the polyester polymer without solidifying the polyester polymer prior to compression molding the preforms. This process has the advantage of eliminating the conventional intermediate steps of solidifying the polymer in the form of pellets, shipping the pellets to the preform manufacturer and then remelting the polymer. Furthermore, because the preforms are produced directly from melt phase polymer, the polymer can have a low intrinsic viscosity of 0.65 or less, which is particularly useful for blow molding containers for low pressure, low temperature applications.

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